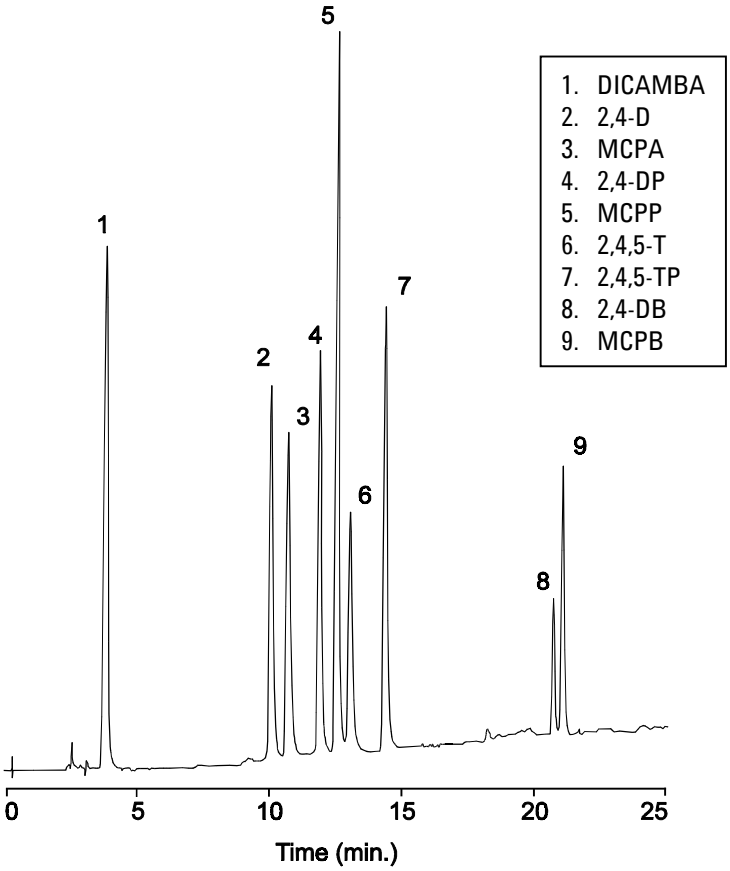
Phenoxycarboxylic Acids

Application

Agrichemical

Robert Ricker



Conditions:
Column: ZORBAX SB-C18, 4.6 x 250 mm (Agilent Part No. 880975-902)
Mobile Phase:
A= 20 mM KH_2PO_4, B= ACN
t = 0 min, 10% B for 2 min
t = 2 min, 10% to 65% B over 23 min
t = 25 min, 65% B
Injection: 10µl; UV: 245 nm; Flow: 1.0 mL / min.; 40°C

Highlights

- *Separation of 9 phenoxycarboxylic acids with good resolution in a single run of 22 min.*
- *Improved peak shape on ZORBAX StableBond results from more desirable silanol interactions.*
- *Separations on ZORBAX StableBond show long-term reproducibility as a result of the sterically protected bonded phase.*

Agilent Technologies

Robert Ricker is an application chemist based at Agilent Technologies, Wilmington, Delaware.

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